

AIR FILTER PRESSURE REGULATOR (STAINLESS STEEL)



Your Air-Actuated Instrument and Equipment work at their best for a long period when you feed with clean dry air at a constant prescribed pressure. PLACKA FPR- Series Air Filter-cum Pressure Regulator removes completely the moisture and dust particles, and provides the exact pressure constantly at varying air demands. Its compactness and highly accurate performance for a long period with minimum of maintenance make for an optimum compromise between the ideal and the practical, consistent with end-use. This economically priced unit is extensively used for Process Control Instruments, Air-actuated Control Valves, Cylinders transducers and other equipments.

SALIENT FEATURES

- Longer life assured as the materials used are selected for their corrosion resistance and long wear.
- Excellent characteristics throughout the full flow range particularly at low flow zone in which the unit usually serves Instruments.
- Negligible pressure drop due to high porosity ratio of the filter. The filter is reusable and has a high impact strength.
- In addition to solid particles, the unit extracts a high percentage of water thus ensuring trouble-free service even in the most adverse conditions.
- Built-in relief ensure rapid response to circuit-induced pressure charges.
- The dust and liquid contaminants can be fully drained out when the regulator is mounted both vertically and horizontally as in the case of control valves, transmitters etc.
- Custom made unit for control valves, Transmitters and other field mounted Instruments.
- Regulator adjustment knob is easily lockable by the finger operated locking unit.
- Simple, versatile built in mounting arrangements by bolts and clamps. For panel mounting, tapped holes are provided at the top of the spring case for mounting screws.
- Most economically priced.

Service :	Air
Max. inlet Pressure :	250 PSI 18 kg/cm ²
Enclosure :	Weather Proof (IP65)
Outlet Pressure Ranges :	Refer Table 1
End Connections :	1 inlet, 1 outlet and 1 pressure gauge port
Bowl Capacity :	130 cc (Approx.)
Ambient Temperature :	Upto 80° c
Adjustment knob with nut :	Unbreakable plastic moulded on S.S. Stem
Body Spring Case and Filter Bowl :	Investment Casting SS316
Filter :	Sintered Bronze / Poly proylene Plastic 15 Microns Standard 5, 25, 40 Microns Optional SS filter 5 Micron Optional
Main Valve :	Neoprene Moulded on SS stem
Drain Valve :	SS
Main Valve Spring :	SS
Diaphragm :	Nylon Reinforced Neoprene
Main Spring :	Spring Steel
Mounting :	Surface or Panel

SELECT MODEL NUMBERS :

END CONNECTION	OUTLET PRESSURE RANGE				BODY LENGTH mm
	0 - 2.1 kg / cm ² 0 - 30 PSI	0 - 4.2 kg / cm ² 0 - 60 PSI	0 - 7 kg / cm ² 0 - 100 PSI	0 - 10.6 kg / cm ² 0 - 150 PSI	
1/4"	FPR - 1SS	FPR - 2SS	FPR - 3SS	FPR - 3ASS	154
3/8"	FPR - 4SS	FPR - 5SS	FPR - 6SS	FPR - 6ASS	166
1/2"	FPR - 7SS	FPR - 8SS	FPR - 9SS	FPR - 9ASS	166
3/4"	FPR - 10SS	FPR - 11SS	FPR - 12SS	FPR - 12ASS	176
1"	FPR - 13SS	FPR - 14SS	FPR - 15SS	FPR - 15ASS	176